



ABSTRACT

The electrolyte includes one or more polyalkylene glycol dialkyl ethers, one or more alkali metal salts, and one or more siloxane polymers. The one or more polyalkylene glycol dialkyl ethers can include a polyethylene glycol dimethyl ether and the one or more siloxane polymers can include a poly(siloxane alkylene oxide). In some instances, the one or more siloxane polymers are cross-linked. The electrolyte can include an interpenetrating network.

5